

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
22 March 2001 (22.03.2001)

PCT

(10) International Publication Number  
**WO 01/20563 A1**

(51) International Patent Classification<sup>7</sup>: G07D 13/00

(21) International Application Number: PCT/CA00/01046

(22) International Filing Date:  
13 September 2000 (13.09.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2,282,104 13 September 1999 (13.09.1999) CA

(71) Applicant (for all designated States except US): NAM-SYS, INC. [CA/CA]; 10 McEwan Drive, Bolton, Ontario L7E 1H1 (CA).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SIEMENS, John [CA/CA]; 12075 Highway #27, Kleinberg, Ontario L0J 1C0 (CA).

(74) Agent: PIASETZKI & NENNIGER; Suite 2308, 120 Adelaide Street West, Toronto, Ontario M5H 1T1 (CA).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- With international search report.
- Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COIN ROLL DISPENSER AND SYSTEM INCORPORATING SAME

(57) Abstract: An apparatus for use in dispensing coin rolls is disclosed. The apparatus includes a receptacle, to hold the coin rolls in a vertically stacked array, a dispenser, to dispense the coin rolls from a bottom of the receptacle, and a controller, to control the dispensing means responsive to instructions from a user. The apparatus may be used to construct a change making machine, and a plurality of change making machines may be used to form a broad cash and coin dispensing system that is centrally controlled.

EV013261146US

WO 01/20563 A1